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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/826,927
		Filing Date	April 16, 2004
		First Named Inventor	Richard Eugene Crandall
		Group Art Unit Number	2819
		Examiner Name	Unassigned
Total Number of Pages in This Submission	4 *	Attorney Docket Number	18602-08059 (P3161US1)

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Signature:			
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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICANTS: Richard Eugene Crandall *et al.*
APPLICATION NO.: 10/826,927
FILING DATE: APRIL 16, 2004
TITLE: FAST LOSSLESS ENCODER FOR DIGITIZED ANALOG DATA
EXAMINER: UNASSIGNED
GROUP ART UNIT: 2819
ATTY. DKT. NO.: 18602-08059 (P3161US1)

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INFORMATION DISCLOSURE STATEMENT
Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed before the mailing date of a first office action on the merits.

Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.

Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,

RICHARD EUGENE CRANDALL *et al*

Dated: 3 March, 2005

By: _____

Daniel R. Brownstone, Reg. No. 46,581

Attorney for Applicants

Fenwick & West LLP

Silicon Valley Center

801 California Street

Mountain View, CA 94041

Tel.: (415) 875-2358

Fax: (650) 938-5200

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	10/826,927
Filing Date	April 16, 2004
First Named Inventor	Richard Eugene Crandall
Art Unit	2819
Examiner Name	Unassigned
Attorney Docket Number	18602-08059US (P3161US1)

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-6,137,533	10-24-2000	Azim
	A2	US-6,486,504	11-26-2002	Guidash
	A3	US-6,549,235	04-15-2003	Fossum, et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	B1	EP1206119A2	05-15-2002	Eastman Kodak Company	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C1	Crandall, R. E. and Klivington, J. 1999, Vector implementation of multiprecision arithmetic, Advanced Computation Group, Apple Computer (25 October), pages 1-15.	
	C2	Crandall, R. E. 2000, PowerPC G4 for Engineering, Science, and Education, Advanced Computation Group, Apple Computer, pages 1-12.	
	C3	JJ2000, An Introduction to JJ2000 Software, Tutorials, pages 1-12, http://jj2000.epfl.ch/jj_tutorials/jj2000/index.html , visited August 21, 2003.	
	C4	A. Kiely and M. Klimesh, "Generalized Golomb Codes and Adaptive Coding of Wavelet-Transformed Image Subbands" IPN Progress Report 42-154, April 15, 2003, pages 1-12	
	C5	Nasir Memom and Xiaolin Wu, "Recent Developments in Context-Based Predictive Techniques for Lossless Image Compression," The Computer Journal, Vol. 40, No. 2/3, 1997, pages 127-136.	
	C6	Giovanni Motta, et al. "Lossless Image Coding via Adaptive Linear Prediction and Classification," Proceedings of the IEEE, Vol. 88, No. 11, November 2000, pages 1790-1796.	
	C7	Shantanu D. Rane and Guillermo Sapiro "Evaluation of JPEG-LS, the New Lossless and Controlled-Lossy Still Image Compression Standard, for Compression of High-Resolution Elevation Data," IEEE Transactions of Geoscience and Remote Sensing, Vol. 39, No. 10, October 2001, pages 2298-2306.	
	C8	M. Weinberger, G. Seroussi, G. Sapiro, "The LOCO-I Lossless Image Compression Algorithm: Principles and Standardization into JPEG-LS", Hewlett-Packard Laboratories Technical Report No. HPL-98-193R1, November 1998, revised October 1999. <i>IEEE Trans. Image Processing</i> , Vol. 9, August 2000, pp.1309-1324.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

18602/08059/SF/5138453.1